Alaris IV Pump Wireless Access Web Tool

Production Engineering

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Document History

Revision Record			
DATE	**Author**	**Revision**	**Change Reference**
09/15/2011	Ray Mays	1.0	Initial Version

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Alaris IV Pumps – Wireless Configuration / Requirements

Overview

The following document describes the requirements, and process to configure "Wireless Access" for Alaris Pumps. The scope of this document is strictly the "Wireless Access" configuration, and does not cover any other Alaris Pump maintenance procedures. Sutter Health IS has determined that the most efficient, cost effective method to deploy Alaris Pumps on wireless is to use Protected Extensible Authentication Protocol or PEAP. PEAP wireless access requires the following in order to connect to the network:

1) Active Directory (AD) Username and Password for the Alaris Pump Service Account
2) Sutter Health Public Root Certificate
3) AD Organizational Unit (OU) container to hold the Alaris Pump Service Accounts

The process and procedures to obtain these requirements will be provided in this document.

BioMedical Engineering (BioMed) will be provided a Web Site where they can select a Region or Affiliate, and then enter an Alaris Pump Serial Number. The Web Site will automatically provision the Pump Device Name in AD and provide a complex 25 character password, which can then be "copy / pasted" into the Alaris Pump configuration page.

BioMed will be self-provisioning Alaris Pumps on demand, and will have the ability to change the Alaris Pump password at ANY time, by simply using the Web Tool.

PEAP Requirements

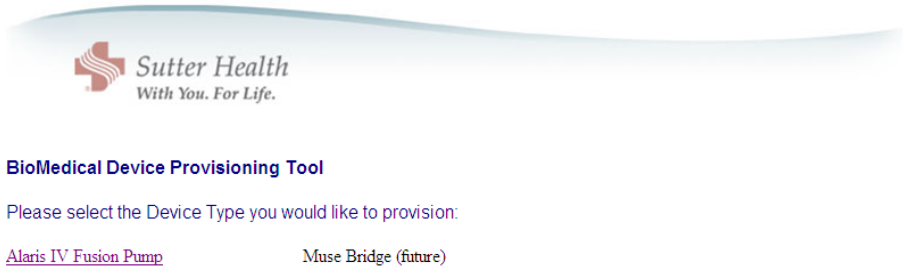
As new Affiliates or Regions are scheduled to "Go Live" with Alaris IV Fusion Pump, the following will need to be identified up front, and configured for PEAP access to SHMedC:

1) Regional IAS Servers need to be configured for SH_Clinical Access Policy (TC Servers) ***Reference: "SHClinical IAS Policy(Affiliate).docx"***.
2) Active Directory Organizational Unit (AD OU) will need to be identified and created to hold the Alaris Pump Service Accounts. (ITAA / BIOMED / ProdEng) ***Reference: ADAlarisConfig.pdf***
3) Per-Affiliate Alaris Pump naming standard will need to be identified. (ProdEng / BioMed)
4) Per-Affiliate (as needed) BioMed AD Security Group will need to be identified. This Group will have the rights to create Service Accounts / Passwords in the AD OU identified. (BioMed / ProdEng)
5) Alaris Pump Provisioning Web Site created for the Affiliate. This site must be configured with the AD OU, AD Security Group and the naming standard for the Affiliate's Alaris Pumps. (ProdEng) ***Reference: AlarisWebConfig.xlsx***
6) Alaris Pump Web Tool URL: https://saweb.sutterhealth.org

Web Tool walkthrough:

Open a browser and go to the following URL: https://saweb.sutterhealth.org

Select: Alaris IV Fusion Pump


Sutter Health
With You. For Life.
BioMedical Device Provisioning Tool
Please select the Device Type you would like to provision:
Alaris IV Fusion Pump
Muse Bridge (future)

Select the Site where you want to provision a pump:

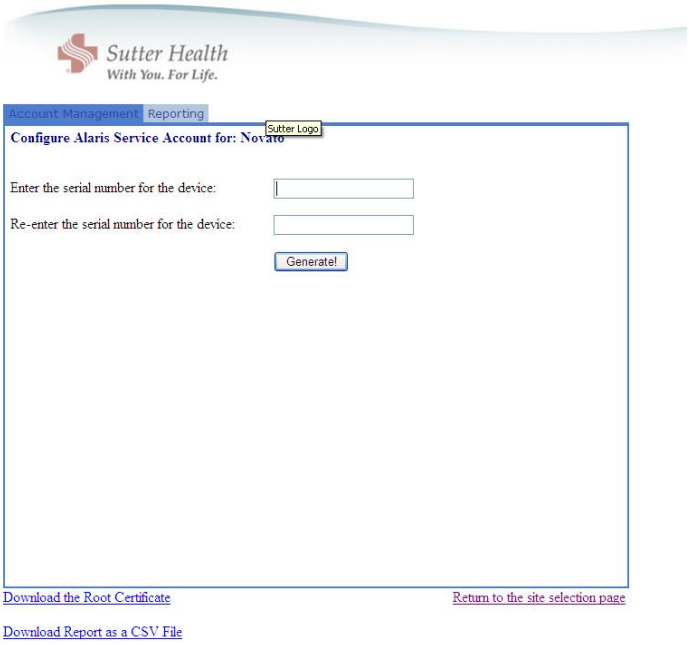
Sutter Health
With You. For Life.
BioMedical Device Provisioning Tool
Alaris IV Fusion Pump Service Account - Please Select your Site:
Sutter Health Central Valley Region (CVR)
Sutter Health East Bay Region (EBR)
Eden Medical Center
San Leandro
Sutter Health Peninsula Coastal Region (PCR)
Sutter Health Sacramento Sierra Region (SSR)
Sutter Health West Bay Region (WBR)
Novato

Enter your AD User Name and Password:

Connect to saweb.sutterhealth.org
The server saweb.sutterhealth.org at saweb.sutterhealth.org requires a username and password.
Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).
User name:
Password:
Remember my password
OK
Cancel

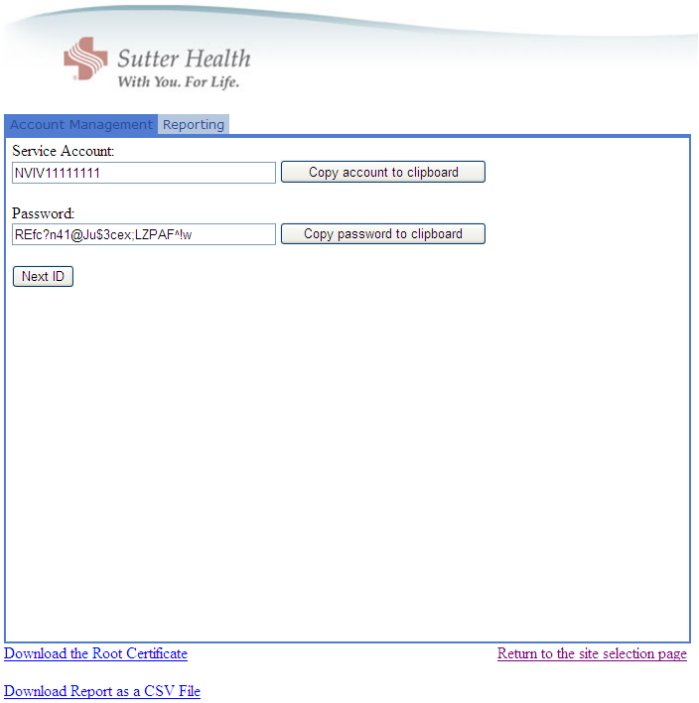
Enter the 8-Digit Serial Number from the Alaris Pump:

And click: Generate!


Sutter Health
With You. For Life.
Account Management
Reporting
Sutter Logo
Configure Alaris Service Account for: Novato
Enter the serial number for the device:
Re-enter the serial number for the device:
Generate!
Download the Root Certificate
Return to the site selection page
Download Report as a CSV File

Enter the Service Account Name and Password into the Alaris Pump Management Tool:

You can click "Copy account to clipboard" or "Copy password to clipboard" to copy either one into the Windows Clipboard buffer. You can paste them into the Alaris Pump Management tool with "CTRL-V" or you can right click in the field and select "Paste".



If you need the "Sutter Health Root Certificate" in order to provide it to the Alaris Pump Management Tool, you can find it at the link provided at the bottom of the page:

Download the Root Certificate Return to the site selection page

Download Report as a CSV File

You can save this anywhere on your hard drive and then provide the path to the file in the Alaris Pump Tool.

The Reporting tab can be selected to view a list of all accounts that have been provisioned for the site. You can sort on Account Name, Password Last Set, and Last Logon.

You can download the Report as a CSV file to open in Excel if you want to review the Data.

Simply click on the "Download Report As a CSV File".

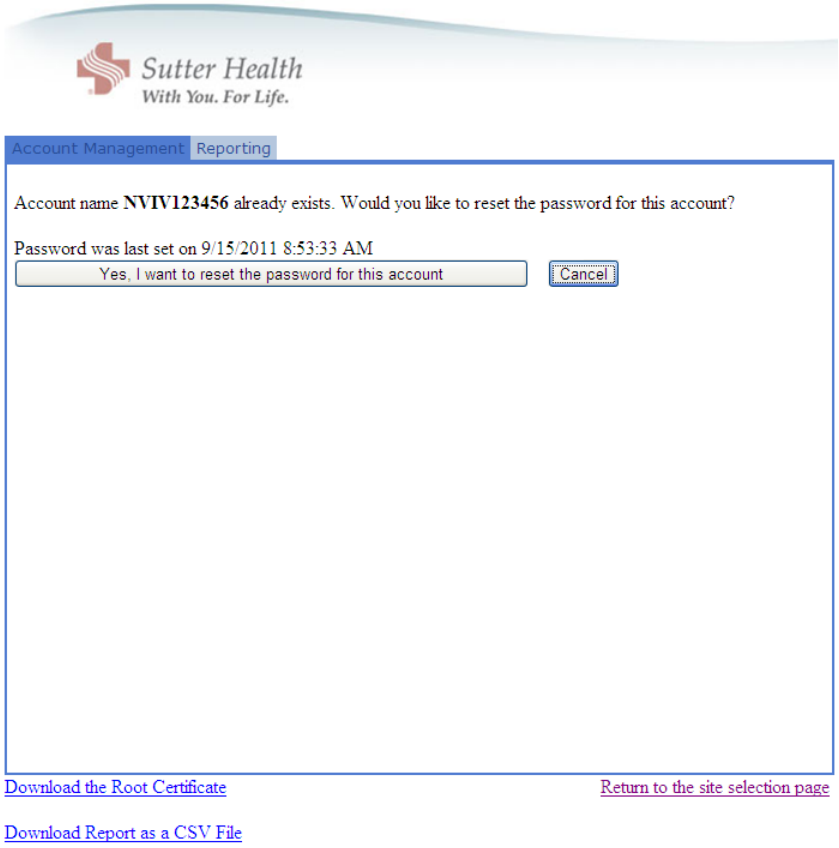
Account Management:

Change Password:

When the Alaris Pump is brought in for service, the password should be changed. To do this, simply run the Web Tool, and enter the same Serial Number.

The Web Tool will prompt you that the Account already exists, and when the last password was set. Select "Yes, I want to reset the password for this account".

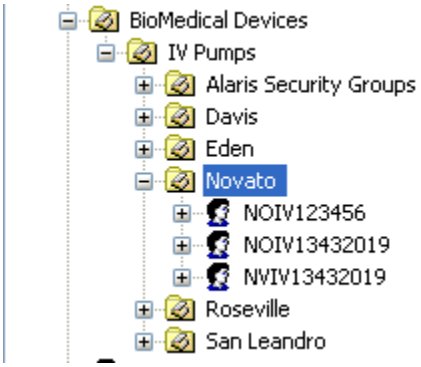
Make sure to copy the new password into the Alaris Pump maintenance page.


Sutter Health
With You. For Life.
Account Management
Reporting
Account name NVIV123456 already exists. Would you like to reset the password for this account?
Password was last set on 9/15/2011 8:53:33 AM
Yes, I want to reset the password for this account
Cancel
Download the Root Certificate
Return to the site selection page
Download Report as a CSV File

Delete Account:

The Accounts that the Web Tool provisions are located in the following AD Structure:

Root – BioMedical Devices – IV Pumps – Site Name:



If you need to have an account deleted for any reason (wrong serial number / pump removed from service), the Accounts Admin (ITAA) team should be contacted to delete the account.